

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: May 25, 2002, 23:07:58 ; Search time 2022.28 Seconds

(without alignments)
5701.743 Million cell updates/sec

Title: US-09-839-185-1

Perfect score: 551
Sequence: 1 ACGTCTCCGTGAGCGCGGT.....TAAACTAGAGACTACAGG 551

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1797656 seqs, 10463268293 residues

Total number of hits satisfying chosen parameters: 3595312

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : GenBank:*

1: gb_ba:*
2: gb_hcg:*
3: gb_in:*
4: gb_om:*
5: gb_ov:*
6: gb_pat:*
7: gb_ph:*
8: gb_pl:*
9: gb_pr:*
10: gb_ro:*
11: gb_sts:*
12: gb_sy:*
13: gb_un:*
14: gb_vl:*
15: em_ba:*
16: em_fun:*
17: em_hum:*
18: em_in:*
19: em_mu:*
20: em_om:*
21: em_or:*
22: em_ov:*
23: em_pat:*
24: em_ph:*
25: em_pl:*
26: em_ro:*
27: em_sts:*
28: em_un:*
29: em_vl:*
30: em_hcg_hum:*
31: em_hcg_inv:*
32: em_hcg_other:*
33: em_higo_inv:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query	Score	Match	Length	ID	Description
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1	551	100.0	551	6	AX024556	AX024556 Sequence
2	549.4	99.7	1411	8	ATH011639	AJ011639 Arabidops
3	547.8	99.4	1282	8	ATH011638	AJ011638 Arabidops
4	547.8	99.4	1522	8	AY046007	AY046007 Arabidops
5	277.8	50.4	3180	8	ATH011640	AJ011640 Arabidops
6	277.8	50.4	55988	8	AC002561	AC002561 Arabidops
7	160.6	29.1	1072	8	AMA011622	Antirrhin
8	144	26.1	1223	8	AMA011623	AJ011623 Antirrhin
9	123.4	22.4	1185	8	AF370612	AF370612 Arabidops
10	123.4	22.4	1505	8	ATH011643	AJ132977 Arabidops
11	113.6	20.6	109016	8	ATT10K17	AL132977 Arabidops
12	107	19.4	1207	8	ZMA011619	AJ011619 Zea mays
13	104.8	19.0	850	8	ATH242960	AJ242960 Arabidops
14	104.8	19.0	855	8	ATH011610	AJ011610 Arabidops
15	104.8	19.0	859	6	AX024558	AX024558 Sequence
16	103	18.7	1275	8	ATH011635	AJ011635 Arabidops
17	103	18.7	1298	8	ATH011637	AJ011637 Arabidops
18	103	18.7	1520	8	AY070106	AY070106 Arabidops
19	103	18.7	2716	8	AY074853	AY074853 Arabidops
20	102	18.5	713	8	ATH011631	AJ011631 Arabidops
21	100.4	18.2	744	8	ATH011632	AJ011632 Arabidops
22	99	18.0	2837	8	ATH011629	AJ011629 Arabidops
23	99	18.0	3364	8	ATH011628	AJ011628 Arabidops
24	98.8	17.9	895	8	AMSBP2	X92079 A.majus mRN
25	98.8	17.9	1669	8	ATH011626	AJ011626 Arabidops
26	98.8	17.9	1659	8	ATH011625	AJ011625 Arabidops
27	98.4	17.9	1352	8	RICRMSOA	U34039 Oryza sativ
28	97.4	17.7	1137	8	ATH011642	AJ011642 Arabidops
29	96	17.4	2951	8	ATH132096	AJ132096 Arabidops
30	91	16.5	2682	6	AX024562	AX024562 Sequence
31	89.2	16.2	1211	8	AMSBP1	X92369 A.majus mRN
32	89.2	16.2	1211	8	AMA011621	AJ011621 Antirrhin
33	88.8	16.1	1304	8	ZMA011618	AJ011618 Zea mays
34	85	15.4	3614	8	AY062670	AY062670 Arabidops
35	83.4	15.1	479	6	AX024560	AX024560 Sequence
36	83.4	15.1	614	8	ATH242959	AJ242959 Arabidops
37	83.4	15.1	624	8	ATSP13	U09427 A.thaliana
38	83.4	15.1	632	8	ATH011633	AJ011633 Arabidops
39	83.2	15.1	1996	8	ATH011644	AJ011644 Arabidops
40	83.2	15.1	93802	8	AC018364	AC018364 Arabidops
41	83.2	15.1	99698	8	AC008262	AC008262 Genomic s
42	76.4	13.9	1646	8	ZMA011614	AJ011614 Zea mays
43	75	13.6	2059	8	ZMA011616	AJ011616 Zea mays
44	72.8	13.2	1975	8	ZMA011617	AJ011617 Zea mays
45	72.6	13.2	46323	8	AB025619	AB025619 Arabidops

ALIGNMENTS

RESULT	1	551 bp	DNA	linear	PAT 15-SEP-2000
AX024556	Sequence 1 from Patent WO0024914.				
LOCUS	AX024556				
DEFINITION	Sequence 1 from Patent WO0024914.				
ACCESSION	AX024556				
VERSION	AX024556.1	GI:10184713			
KEYWORDS					
SOURCE					
ORGANISM	thale cress.				
	Arabidopsis thaliana				
	Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;				
	Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;				
	Rosidae; eurosids II; Brassicales; Brassicaceae; Arabidopsids.				

REFERENCE
AUTHORS
TITLE
JOURNAL
Patent: WO 0024914-A1 04-MAR-2000;
NOVARTIS ERINDUNGEN (AT) ; NOVARTIS AG (CH) ; HECHT VALERIE FRANCE
GABRIELLE (NL) ; SCHMIDT EDUARD DANIEL LEENDERT (NL) ; VRIES SAPE
CORNELIS DE (NL)

FEATURES
source
location/Qualifiers

1. 551
/organism="Arabidopsis thaliana"
/db_xref="taxon:3702"